Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Monday 27 Dec 2021 until 23:59 on Tuesday 28 Dec 2021

Forecast Issued on Sunday 26 Dec 2021 at 11:11

Confidence: High for unsettled, mostly mild conditions next week, but increasingly lower confidence for details

Headline for Monday 27 Dec 2021: Showery rain at first. Becoming dry with bright or sunny spells developing in morning, but cloudy with outbreaks of rain from late afternoon.

Mountain weather hazards on Monday 27 Dec 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG							
Fog	Heavy Rain	Light rain	Cloudy	Sunny intervals	Cloudy	Light rain	Light rain
Precipitation probability							
10%	60%	30%	10%	10%	10%	50%	80%

Forecast for Monday 27 Dec 2021

Weather: Mostly cloudy overnight with low cloud but showery rain will push in from the west, some heavy. Some showery rain at first with a good deal of hill fog, but becoming dry in morning and cloud will lift and break, leaving bright or sunny spells. Cloud thickening again late afternoon to bring outbreaks of rain.

Chance of cloud free mountain/hill tops above 800m: Almost nil until mid-morning, then 60%, but 30% later.

Visibility: Poor or very poor becoming good through the morning, but moderate or poor in rain later and very poor at height, with quite extensive cloud down to 300m at first but becoming more broken and mostly lifting to 800 or 900m in morning, though still patches around 500m and extensive down to 500m occasionally 400m in evening.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Monday 27 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	17/21 SE	18/23 SE	15/20 SE	17/22 SE	19/26 SE	19/25 SE	19/24 E	19/25 E	15/21 E
600	16/23 SE	17/23 SE	15/20 SE	17/24 SE	20/28 SE	19/27 SE	15/22 E	15/23 E	14/21 E
300	5/15 SE	5/16 S	5/14 SE	7/17 S	8/19 SE	6/17 SE	7/18 E	6/16 E	7/15 SE
Valley	4/13 SE	6/15 SE	5/13 SE	5/14 SE	6/14 SE	9/19 E	8/18 E	8/17 E	7/14 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-4	1/-5	1/-4	1/-4	1/-5	2/-4	1/-5	1/-4	2/-3
600	2/-3	2/-3	2/-3	2/-3	2/-3	2/-3	2/-3	2/-3	3/-1
300	3/1	3/1	3/1	3/0	4/1	4/2	4/2	4/2	5/2
Valley	5/3	5/3	5/3	5/3	6/4	6/4	6/4	6/4	6/4
Freezing Level*	1100m	1200m	1100m	1000m	1000m	1200m	1400m	1500m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Mild, but some chill effect on the tops, especially in rain. A quite murky start and end to the day, with perhaps some navigational difficulties.

Forecast for Tuesday 28 Dec 2021

Weather: Cloudy and rather dull start with patchy rain or showers, though perhaps a spell of heavy rain in morning, before becoming drier and brighter in the afternoon, with perhaps some sunshine. Clear spells in the evening but fog and low cloud likely to form, with patchy drizzle.

Maximum wind: Easterly 10mph, turning north or northeast 10-15mph in the morning, but becoming westerly 5-10mph in evening.

Chance of cloud free mountain/hill tops above 800m: 10% becoming 40% in afternoon

Visibility: Moderate or poor becoming mostly good beneath cloud into the afternoon. Very poor at height in morning, with extensive cloud down to 400 or 500m, but more broken in afternoon with bases 600-900m.

Temperature: **Valleys:** Plus 4 C, possibly plus 1 C in some valleys, rising to plus 9 C
At 800m: Plus 5 C
Freezing level: Above the tops

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 26 December 2021 Location: Helvellyn summit at 10:38 Full report: The higher fells are white once again as fresh snow fell overnight down to roughly 550m. Although total quantities are fairly small, ankle-deep drifts are present in many sheltered dips and hollows. The ground was frozen today above roughly 700m and rime ice was beginning to form on exposed windward surfaces. As such, the ground above this height was slippery and microspikes were helpful. The summit plateau is a mix of exposed ground and thin snow cover. In poor visibility, the current conditions will make navigation very challenging. Striding and Swirral edge are a fairly even mix of snow and rock at the moment, and it's worth noting that older patches of hard névé (although generally confined to the flanks and exit slopes) are less visible under the new snow. Cornices were not visible today but are likely to be building along ridgelines and be will be fragile so are best given a wide berth. Similar conditions are forecast for the next few days. As such, warm and waterproof clothing (including hats and gloves) and equipment including a headtorch, map, and compass (or other reliable means of navigating) are all essential. Microspikes and walking poles are really helpful on easy angled terrain and for anyone venturing onto steep ground, an ice axe and crampons are essential**.** Temperature: minus 1.3 C, Maximum wind speed 18.9 mph, Wind chill: minus 8.0 C, Average wind speed: 17.7 mph.

Issued at: 1111 on Sun 26 Dec 2021

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